

DTNA Solutions > Discussions and Feedback > Tech Talk > Re: dash lights not working



Dennis_Reppi
Apprentice

03-23-2021 06:33 AM

dash lights not working

Vehicle Information

VIN: 5KKSADV6LLLZ7756

Model: WESTERN STAR 4700 SET-FORWARD
FRONT AXLE CHASSIS

Model Year: 2020

Make: WST

Mileage: 35741 miles

Base Model: 4700SF

Are you currently seeing this same issue on
other DTNA vehicles at your location?: no

Vehicle Systems Involved

ELECTRICAL

EXTERIOR LIGHTING

working on a 2020 western star 4700, the last six of the vin is LZ7756. the customer complaint was the clearance lights not working. but every time i turn them on the light are working. none of the dash light are working. none of the gauges will light up. removed the covers from the passenger side of the dash to get to the pdm's. found that pdm #2 has 10 volts going to it and pdm 1 and 3 have 12 volts going to them. start the engine and pdm 2 will go up to 12 volts and pdm 1 and 3 will have 14 volts. removed pdm 2 from the dash so i could get to the back of it. unplugged the top right side connector. has 12 volts going to it and 14 with the engine running.

Add tags



0 Kudos

Reply



Talbert_Simonia
King Pin

03-23-2021 09:21 AM

Sounds like you may have a short. Something is drawing power from it in PDM #2. I would do a test and remove the fuses one at a time. From PDM #2 and see when the voltage goes up to match PDM #1.

Add tags



1 Kudo

Reply



 Scott_Trippel

King Pin

03-24-2021 02:13 PM

THE GAUGE LAMPS DO NOT COME ON, BUT DOES THE BACK LIGHT ON THE SWITCHES COME ON?

If the backlight on the switches work then I would look to a failed gauge, unplug then one at a time

Add tags



1 Kudo

Reply

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